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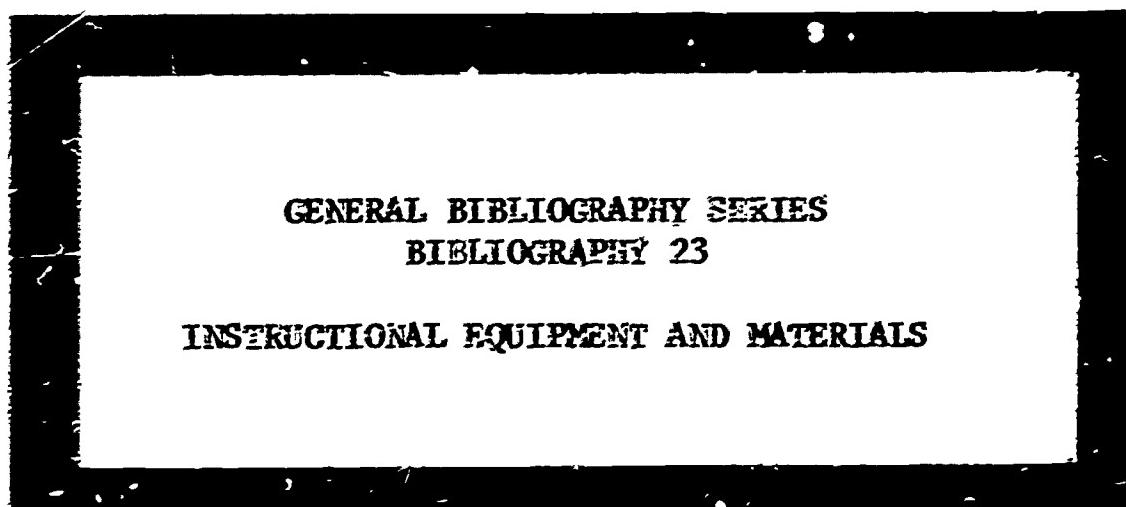
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Instructional Equipment and Materials.**

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ABSTRACT

This is the third in the third series of general bibliographies developed to disseminate information on documents analyzed at the ERIC Information Analysis Center for Science Education. Reported are some 366 citations of selected documents related to instructional equipment and materials in science and mathematics education. The documents included represent research reports, research reviews, manuals, textbooks, and other types. Citations are listed in alphabetical order by author and indicate sources, availability, and major ideas of the document. This bibliography updates, but does not replace, general bibliography 3 (ED 015 880) and general bibliography 13 (ED 026 279) produced earlier by this Center. (RH)

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SCIENCE EDUCATION INFORMATION REPORT

**GENERAL BIBLIOGRAPHY SERIES
BIBLIOGRAPHY 23**

INSTRUCTIONAL EQUIPMENT AND MATERIALS

**ERIC Information Analysis Center
for Science Education
1460 West Lane Avenue
Columbus, Ohio 43210**

July, 1969

BIBLIOGRAPHY 23

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SCIENCE EDUCATION INFORMATION REPORTS

The Science Education Information Reports are being developed to disseminate information concerning documents analyzed at the ERIC Information Analysis Center for Science Education. The Reports include five types of publications. General Bibliographies are being issued to announce most documents processed by the Information Analysis Center for Science Education. These bibliographies are categorized by topics and indicate the availability of the document and the major ideas included in the document. Special Bibliographies are being developed to announce availability of documents in selected interest areas. These bibliographies will list most significant documents that have been published in the interest area. Guides to Resource Literature for Science Teachers are bibliographies that identify references for the professional growth of teachers at all levels of science teaching. This series will include six separate publications. State-of-the-Art Papers will be issued periodically to indicate implications of research for science teaching. Research Reviews will be issued to analyze and synthesize research related to science education over a period of several years.

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(8) ED 020 907 MF \$0.25 HC \$2.35
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A. SCIENCE EDUCATION

1. SE 004 694 3 06 13 17
ABRAHAMSON, STEPHEN; BENSON, JUDSON S.
A DEVELOPMENTAL STUDY OF MEDICAL TRAINING SIMULATORS FOR ANESTHESIOLOGISTS
UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES
EDRS
ED 019 253 MF \$1.00 HC \$10.90
01 00 68 216
*ANESTHESIOLOGY, *COMPUTER ASSISTED INSTRUCTION, *INSTRUCTION, *MEDICAL
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*SIMULATORS, *TEACHING MODELS, GRADUATE STUDY, UNIVERSITY OF SOUTHERN
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2. SE 004 423 1 17 23 20
AGTERDENBOS, J.
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04 00 68 1
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3. SE 005 939 1 17 25 33
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09 00 68 2
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4. SE 004 360 1 17 95 04
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5. SE 004 985 2 17 12 10
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10. SE 004 649 3 17 53 11
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OHM'S LAW AND ELECTRICAL SOURCES, A PROGRAMMED TEXT
SYRACUSE UNIVERSITY, NEW YORK, ELECTRICAL ENGINEERING DEPARTMENT
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ED 021 742 MF \$0.50 HC \$4.20
63 82
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11. SE 004 648 3 17 53 11
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EDRS
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17. SE 004 413 1 06 95 20
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19. SE 005 743 1 06 95 33
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08 09 68 5
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20. SE 005 840 1 17 23 29
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21. SE 004 278 1 06 23 20
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22. SE 004 623 1 06 55 29
BEAN, DON L.
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*ASTRONOMY, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE,
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23. SE 005 855 3 10 09 17
BECK, EUGENE JEROME
A COMPARISON OF TWO APPROACHES TO TEACHING SELECTED ELEMENTS OF COLLEGE LEVEL
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UNIVERSITY OF MISSOURI, COLUMBIA
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
ED 028 062 NOT AVAILABLE FROM EDRS
68 238
*COLLEGE MATHEMATICS, *GEOMETRY, *INSTRUCTION, *TEACHING METHODS, COMPARATIVE
ANALYSIS
24. SE 003 462 2 17 91 17
BEELER, NELSON FREDERICK
A CRITICAL EXAMINATION OF THE USE OF ANALOGY IN SCIENCE WRITINGS FOR
CHILDREN: AN INVESTIGATION OF TRENDS IN CERTAIN ASPECTS OF ANALOGY IN
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25. SE 005 821 1 06 95 38
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*ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, *SCIENCE EQUIPMENT,
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26. SE 005 751 2 17 51 15
 BERGER, CARL; AND OTHERS
 MODELS FOR ELECTRIC AND MAGNETIC INTERACTION - TEACHER'S GUIDE
 SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY
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 CURRICULUM IMPROVEMENT STUDY, NATIONAL SCIENCE FOUNDATION, 1968
27. SE 005 440 1 06 32 20
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 09 00 68 7
 *ELECTRICITY, *ELEMENTARY SCHOOL SCIENCE, *MODELS, *MAGNETISM,
 *SCIENCE EQUIPMENT, INSTRUCTION, PHYSICS, SCIENCE DEMONSTRATION,
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28. SE 000 709 2 17 92 11
 BETHUNE, PAUL; AND OTHERS
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 54 360
 *GENERAL SCIENCE, *GRADE 7, *GRADE 8, *GRADE 9, BIOLOGY
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29. SE 005 019 1 17 92 10
 BLANC, SAM S.; AND OTHERS
 EXERCISES AND INVESTIGATIONS FOR MODERN SCIENCE MAN, MATTER, AND ENERGY
 HOLT, RINEHART AND WINSTON, INC., NEW YORK, NEW YORK
 67 169
 *BIOLOGICAL SCIENCES, *INSTRUCTIONAL MATERIALS, *LABORATORY MANUALS,
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30. SE 005 009 1 17 42 11
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 HOLT, RINEHART AND WINSTON, INC., NEW YORK, NEW YORK
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 *SCIENCE ACTIVITIES, *TEXTBOOKS, ASTRONOMY, BIOLOGICAL SCIENCES, GEOLOGY,
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31. SE 005 006 1 17 72 11
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 MODERN SCIENCE MAN, MATTER, AND ENERGY--TEACHER'S EDITION
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 *GENERAL SCIENCE, *INSTRUCTIONAL MATERIALS, *TEXTBOOKS, *TEACHING GUIDES,
 *SECONDARY SCHOOL SCIENCE, BIOLOGY, ENERGY, FORCES (PHYSICAL), HEALTH,
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32. SE 005 970 1 17 82 17
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RELIGIOUS CONTENT IN STATE-APPROVED TEXTBOOKS USED IN AMERICAN
PUBLIC SECONDARY SCHOOLS IN THE FIELDS OF LANGUAGE ARTS, MATHEMATICS,
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05 00 68 185
*INSTRUCTIONAL MATERIALS, *RELIGION, *RELIGIOUS FACTORS, *SECONDARY
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33. SE 004 793 1 17 33 20
BLUM, RONALD
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05 00 68 6
*COLLEGE SCIENCE, *ELECTROSTATICS, *INSTRUCTIONAL MATERIALS, *PHYSICS,
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34. SE 005 522 1 17 32 11
BODLEY, ROGER W.; AND OTHERS
ELECTRICITY - ERC SCIENCE PROBLEMS
EDUCATIONAL RESEARCH COUNCIL OF AMERICA, CLEVELAND, OHIO
01 00 68 150
*GRADE 11, *GRADE 12, *INSTRUCTIONAL MATERIALS, *PHYSICS, *SECONDARY
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36. SE 005 480 1 17 52 11
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37. SE 005 474 1 17 52 10
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 *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, INSTRUCTION, MATHEMATICS,
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 HAROURT, BRACE AND WORLD, NEW YORK, NEW YORK
 66 154
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 *TEXTBOOKS

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CONCEPTS IN SCIENCE 2
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66 185
ELEMENTARY SCHOOL SCIENCE, GRADE 2, INSTRUCTIONAL MATERIALS,
SCIENCE ACTIVITIES, TEXTBOOKS, BIOLOGICAL SCIENCES, PHYSICAL
SCIENCES, SPACE SCIENCE
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CONCEPTS IN SCIENCE 3
HARCOURT, BRACE AND WORLD, NEW YORK, NEW YORK
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SCIENCES, ENERGY, GLOSSARY, MATTER, PHYSICAL SCIENCES, PLANTS
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66 311
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FOLEY, JACK L.
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*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS,
ARITHMETIC, ADDITION, DIVISION, LOW ABILITY STUDENTS, MULTIPLICATION, STUDENT
ACTIVITIES, SUBTRACTION, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
12. SE 004 518 3 17 09 22
FOLEY, JACK L.
ANGLES, MEASURES
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 895 MF \$0.25 HC \$1.85
08 00 67 35
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TRIGONOMETRY,
ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
13. SE 004 517 3 17 09 22
FOLEY, JACK L.
CURVES, VERTICES, KNOTS AND SUCH
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 894 MF \$0.50 HC \$3.35
09 00 67 65
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TOPOLOGY, ELEMENTARY
AND SECONDARY EDUCATION ACT TITLE III

14. SE 004 516 3 17 09 22
FOLEY, JACK L.
DIVISIBILITY TESTS
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 893 MF \$0.25 HC \$1.80
08 00 67 34
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS, DIVISION,
INSTRUCTIONAL MATERIALS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, ELEMENTARY
AND SECONDARY EDUCATION ACT TITLE III
15. SE 004 523 3 17 09 22
FOLEY, JACK L.
EVENTS AND CHANCE
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 732 MF \$0.25 HC \$0.85
08 00 67 15
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
MATERIALS, *PROBABILITY, *SECONDARY SCHOOL MATHEMATICS, ARITHMETIC,
CURRICULUM, LOW ABILITY STUDENTS, MATHEMATICS, STATISTICS, ELEMENTARY AND
SECONDARY EDUCATION ACT TITLE III
16. SE 004 514 3 17 09 22
FOLEY, JACK L.
IDEAS FROM NUMBER THEORY
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 891 MF \$0.25 HC \$2.35
08 00 67 45
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, DIVISION, LOW ABILITY STUDENTS, MULTIPLICATION, SET THEORY,
STUDENT ACTIVITIES, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
17. SE 004 507 3 17 09 22
FOLEY, JACK L.
INTEGERS, ADDITION AND SUBTRACTION
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 727 MF \$0.25 HC \$1.25
09 00 67 23
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, ADDITION, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, SUBTRACTION,
ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

18. SE 004 506 3 17 09 22
FOLEY, JACK L.
MANEUVERS ON A GEO-BOARD
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 887 MF \$0.25 HC \$1.25
11 00 67 23
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, GEOMETRY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, TRIGONOMETRY,
ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
19. SE 004 508 3 17 09 22
FOLEY, JACK L.
THE MATH GO-ROUND, A UNIT OF MATHAS BORG
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 888 MF \$0.25 HC \$1.55
11 00 67 29
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, DIVISION, GEOMETRY, LOW ABILITY STUDENTS, MULTIPLICATION,
STUDENT ACTIVITIES, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
20. SE 004 515 3 17 09 22
FOLEY, JACK L.
METRIC GEOMETRY, CONCEPTS OF AREA MEASURE
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 892 MF \$0.25 HC \$1.95
08 00 67 37
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, GEOMETRY, LOW ABILITY STUDENTS, MEASUREMENT, STUDENT
ACTIVITIES, TRIGONOMETRY, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
21. SE 004 513 3 17 09 22
FOLEY, JACK L.
METRIC GEOMETRY LINEAR MEASURE
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 890 MF \$0.25 HC \$2.55
08 00 67 49
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, GEOMETRY, LOW ABILITY STUDENTS, MEASUREMENT, STUDENT
ACTIVITIES, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

22. SE 004 512 3 17 09 22
 FOLEY, JACK L.
 MODULO SEVEN
 PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
 EDRS
 ED 021 730 MF \$0.25 HC \$0.90
 09 00 67 16
 *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *SECONDARY
 SCHOOL MATHEMATICS, ARITHMETIC, ADDITION, CURRICULUM, INSTRUCTIONAL MATERIALS,
 LOW ABILITY STUDENTS, MATHEMATICS, MULTIPLICATION, SUBTRACTION, ELEMENTARY
 AND SECONDARY EDUCATION ACT TITLE III
23. SE 004 511 3 17 09 22
 FOLEY, JACK L.
 NUMERATION SYSTEMS, PAST AND PRESENT
 PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
 EDRS
 ED 021 729 MF \$0.25 HC \$1.40
 08 00 67 26
 *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, SECONDARY
 SCHOOL MATHEMATICS, ARITHMETIC, ADDITION, CURRICULUM, INSTRUCTIONAL
 MATERIALS, LOW ABILITY STUDENTS, MATHEMATICS, MULTIPLICATION, ELEMENTARY
 AND SECONDARY EDUCATION ACT TITLE III
24. SE 004 503 3 17 09 22
 FOLEY, JACK L.
 PER CENT FRACTIONS
 PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
 EDRS
 ED 020 886 MF \$0.25 HC \$2.00
 11 00 67 38
 *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
 MATHEMATICS, FRACTIONS, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, ELEMENTARY
 AND SECONDARY EDUCATION ACT TITLE III
25. SE 004 502 3 17 09 22
 FOLEY, JACK L.
 SETS, SUB-SETS AND OPERATIONS
 PALM BEACH COUNTY PROGRAM FOR MATHEMATICALLY UNDERDEVELOPED PUPILS, FLORIDA
 EDRS
 ED 020 685 MF \$0.25 HC \$ 1.95
 11 00 67 37
 *ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
 MATERIALS, *MATHEMATICS, *SET THEORY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,
 ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

26. SE 004 510 3 17 09 22
FOLEY, JACK L.
SQUARES, SQUARE ROOTS, RIGHT TRIANGLES
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 021 728 MF \$0.25 HC \$1.60
08 00 67 30
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, GEOMETRY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES,
TRIGONOMETRY, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
27. SE 004 509 3 17 09 22
FOLEY, JACK L.
VOLUME AND SURFACE AREA
PALM BEACH COUNTY PROGRAM FOR MATHEMATICALY UNDERDEVELOPED PUPILS, FLORIDA
EDRS
ED 020 889 MF \$0.25 HC \$1.60
08 00 67 30
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, GEOMETRY, LOW ABILITY STUDENTS, STUDENT ACTIVITIES, ELEMENTARY
AND SECONDARY EDUCATION ACT TITLE III
28. SE 004 684 2 17 09 11
GLENN, EUEL; AND OTHERS
LEARNING ACTIVITY PACKAGE #8, ALGEBRA I, WORKING WITH FRACTIONS
HUGESON UNION HIGH SCHOOL, CALIFORNIA
08 00 67 41
*ALGEBRA, *FRACTIONS, *INSTRUCTIONAL MATERIALS, *INDIVIDUALIZED PROGRAMS,
*MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, COURSE CONTENT, CURRICULUM
DEVELOPMENT, INDIVIDUAL INSTRUCTION, HUGESON UNION HIGH SCHOOL, ELEMENTARY
AND SECONDARY EDUCATION ACT TITLE III
29. SE 005 379 1 17 09 15
GOLD, SHELDON
GRAPHING LINEAR EQUATIONS - A DISCOVERY LESSON
THE ARITHMETIC TEACHER
05 00 56 2
*GRAPHS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, ALGEBRA, CURRICULUM,
DISCOVERY PROCESSES, GRADE 7, GRADE 8, INSTRUCTION, NUMBER CONCEPTS,
PROBLEM SOLVING

30. SE 005 293 1 17 09 15
HILDEBRAND, HOWARD; JOHNSON, NELLIE
AN ORDERED PAIR APPROACH TO ADDITION OF RATIONAL NUMBERS IN SECOND GRADE
THE ARITHMETIC TEACHER
02 00 65 3
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *MATHEMATICS, *RATIONAL
NUMBERS, ADDITION, GRADE 2, PROBABILITY
31. SE 004 989 3 17 09 22
HULL, T. E.
MONOGRAPH - THE NUMERICAL INTEGRATION OF ORDINARY DIFFERENTIAL EQUATIONS
COMMITTEE ON THE UNDERGRADUATE PROGRAM IN MATHEMATICS, BERKELEY, CALIFORNIA
EDRS
ED 024 575 MF \$0.25 HC \$1.80
66 34
*CURRICULUM, *COLLEGE MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS,
COMPUTER ASSISTED INSTRUCTION, MATHEMATICAL CONCEPTS, NATIONAL SCIENCE
FOUNDATION
32. SE 005 439 3 - 17 09 16
NEW YORK CITY DEPARTMENT OF EDUCATION
MATHEMATICS, GRADE 5 PART 2
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN
NEW YORK DEPARTMENT OF EDUCATION, 110 LIVINGSTON STREET, BROOKLYN, NEW YORK
EDRS
ED 023 600 MF \$0.50 HARD COPY NOT AVAILABLE
66 70
*ARITHMETIC, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *MATHEMATICS,
*TEACHING GUIDES, ALGEBRA, COURSE CONTENT, FRACTIONS, GRADE 5, GEOMETRY,
INSTRUCTION, LEARNING ACTIVITIES, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS
33. SE 005 412 3 17 09 16
NEW YORK CITY DEPARTMENT OF EDUCATION
MATHEMATICS, SEVENTH YEAR, PART 2
NEW YORK CITY BOARD OF EDUCATION, BROOKLYN, NEW YORK
NEW YORK DEPARTMENT OF EDUCATION, 110 LIVINGSTON STREET, BROOKLYN, NEW YORK
EDRS
ED 023 601 MF \$1.00 HARD COPY NOT AVAILABLE
67 261
*ARITHMETIC, *CURRICULUM, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS,
*TEACHING GUIDES, ALGEBRA, COURSE CONTENT, GEOMETRY, GRADE 7, INSTRUCTION,
LEARNING ACTIVITIES, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS

34. SE 095 878 3 17 09 22
NIEELINK, WILLIAM H.
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT - MEASUREMENT
CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT, DES MOINES
EDRS
ED 025 431 MF \$0.50 HC \$4.50
 88
*INSTRUCTIONAL MATERIALS, *LOW ACHIEVERS, *MEASUREMENT, *SECONDARY
SCHOOL MATHEMATICS, ARITHMETIC, CURRICULUM, GRADE 7, GRADE 8, GRADE 9,
INSTRUCTION, CENTRAL IOWA LOW ACHIEVER MATHEMATICS PROJECT
35. SE 005 542 1 17 09 22
PAGE, DAVID A.
WAYS TO FIND HOW MANY
UNIVERSITY OF ILLINOIS ARITHMETIC PROJECT
EDUCATIONAL SERVICES, INC., WATERTOWN, MASSACHUSETTS
 65 36
*ARITHMETIC, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, MATHEMATICAL CONCEPTS, NUMBER CONCEPTS, PROBLEM
SOLVING, TEXTBOOKS, WHOLE NUMBERS, UNIVERSITY OF ILLINOIS ARITHMETIC
PROJECT
36. SE 005 344 1 17 09 22
RUCHLIS, HY; MILGROM, HARRY
MATH PROJECTS - MATHEMATICAL SHAPES
BOOK-LAB, INC., BROOKLYN, NEW YORK
 68 49
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, MATHEMATICS, MATHEMATICAL CONCEPTS,
TEXTBOOKS, 1958
37. SE 004 961 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 17, PANEL ON SUPPLEMENTARY
PUBLICATIONS
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
03 00 64 47
*ANNOTATED BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL
MATERIALS, *MATHEMATICS, *PUBLICATIONS, *TEXTBOOKS, ALGEBRA, GEOMETRY,
NEWSLETTER, SCHOOL MATHEMATICS STUDY GROUP, 1964
38. SE 004 959 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 21 - REFERENCE GUIDE TO THE
MATHEMATICAL LIBRARY DESCRIPTION, TOPICAL CLASSIFICATION, AND INDEX WITH
SUGGESTED GRADE LEVELS
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
05 00 65 31
*INSTRUCTIONAL MATERIALS, *PUBLICATIONS, *TEXTBOOKS, ALGEBRA, ANNOTATED
BIBLIOGRAPHIES, CALCULUS, GEOMETRY, REFERENCE MATERIALS, SCHOOL
MATHEMATICS STUDY GROUP

39. SE 004 958 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 23 - PARCEL SUPPLEMENTARY ON
PUBLICATIONS
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
08 00 66 30
*ANNOTATED BIBLIOGRAPHIES, *INSTRUCTIONAL MATERIALS, *MATHEMATICS,
*PUBLICATIONS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, GEOMETRY,
NEWSLETTER, *TEXTBOOKS, SCHOOL MATHEMATICS STUDY GROUP, 1966
40. SE 004 957 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 24
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
10 00 66 29
*CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS,
*MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, CULTURALLY
DISADVANTAGED, GEOMETRY, PROGRAMED LEARNING, SCHOOL MATHEMATICS STUDY
GROUP, 1966
41. SE 004 956 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 25, ARTICULATION OF CONTENT
OF SCHOOL MATHEMATICS STUDY GROUP TEXTS GRADES 7-10
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
12 00 66 50
*COURSE CONTENT, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL
MATHEMATICS, *TEXTBOOK CONTENT, ARITHMETIC, CURRICULUM, GEOMETRY,
INSTRUCTION, NEWSLETTER, SCHOOL MATHEMATICS STUDY GROUP, 1966
42. SE 004 955 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 28, ARTICULATION OF CONTENT
OF SCHOOL MATHEMATICS STUDY GROUP TEXTS GRADES 1-3 AND GRADE 4
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
01 00 68 13
*ARITHMETIC, *COURSE CONTENT, *CURRICULUM, *ELEMENTARY SCHOOL MATHEMATICS,
*INSTRUCTIONAL MATERIALS, GRADE 4, GUIDELINES, INSTRUCTION, MATHEMATICS,
NEWSLETTERS, TEXTBOOK CONTENT, MATHEMATICS STUDY GROUP

43. SE 004 954 1 17 09 32
SCHOOL MATHEMATICS STUDY GROUP
SCHOOL MATHEMATICS STUDY GROUP NEWSLETTER NO. 29, SCHOOL MATHEMATICS STUDY GROUP PUBLICATIONS
SCHOOL MATHEMATICS STUDY GROUP, STANFORD UNIVERSITY, CALIFORNIA
03 00 68 24
*ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *MATHEMATICS,
*PUBLICATIONS, *TEXTBOOKS, NEWSLETTERS, SCHOOL MATHEMATICS STUDY GROUP,
1968
44. SE 005 513 1 06 09 31
STAFFORD, SISTER ELLEN MARIE
A PROPOSED METHOD OF SUPPLEMENTING THE MATHEMATICS PROGRAM IN THE JUNIOR HIGH SCHOOL BY THE USE OF MANIPULATIVE AND VISUAL AIDS
DAYTON UNIVERSITY, OHIO, SCHOOL OF EDUCATION
07 00 67 2
*AUDIOVISUAL AIDS, *INSTRUCTION, *MATHEMATICS, *OVERHEAD PROJECTORS,
*SECONDARY SCHOOL MATHEMATICS, GRADE 7, GRADE 8, MECHANICAL TEACHING AIDS,
MODERN MATHEMATICS, TEACHING PROCEDURES
45. SE 005 343 1 17 09 22
TANNENBAUM, HAROLD E.; STILLMAN, NATHAN
MATH PROJECTS - MAP-MAKING
BOCK-LAB, INC., BROOKLYN, NEW YORK
68 49
*ELEMENTARY SCHOOL MATHEMATICS, *GEOMETRY, MATHEMATICS, MATHEMATICAL CONCEPTS,
MAP SKILLS, MAPS, TEXTBOOKS, 1968
46. SE 005 510 1 17 09 31
TESSMER, THOMAS
A METHOD OF BOOK SELECTION FOR A HIGH SCHOOL MATHEMATICS LIBRARY
DAYTON UNIVERSITY, OHIO, SCHOOL OF EDUCATION
12 00 66 2
*INSTRUCTIONAL MATERIALS, *LIBRARIES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, BOOKS, BIBLIOGRAPHIES, MATHEMATICS, READING MATERIAL SELECTION,
SUPPLEMENTARY READING MATERIALS, SUPPLEMENTARY TEXTBOOKS, TEXTBOOKS, TEXTBOOK CONTENT
47. SE 004 687 2 17 09 11
WILLIAMS, DON
LEARNING ACTIVITY PACKAGE #2, ALGEBRA I, VARIABLES AND OPEN SENTENCES
HUGHSON UNION HIGH SCHOOL, CALIFORNIA
08 00 67 16
*ALGEBRA, *INDIVIDUALIZED PROGRAMS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, COURSE CONTENT, INDIVIDUAL INSTRUCTION, HUGHSON UNION HIGH SCHOOL

48. SE 004 686 2 17 09 11
 WILLIAMS, DON; AND OTHERS
 LEARNING ACTIVITY PACKAGE #6, ALGEBRA I, WORKING WITH POLYNOMIALS
 HUGESON UNION HIGH SCHOOL, CALIFORNIA
 07 00 67 19
 *ALGEBRA, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS,
 COURSE CONTENT, CURRICULUM DEVELOPMENT, INDIVIDUAL INSTRUCTION, HUGESON UNION
 HIGH SCHOOL, ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III
49. SE 005 880 3 17 09 22
 ZIMMERMAN, JOSEPH T.
 LOW ACHIEVER MOTIVATIONAL PROJECT
 CENTRAL IOWA LOW-ACHIEVER MATHEMATICS PROJECT, DES MOINES
 EDRS
 ED 025 433 MF \$0.75 HC \$7.35
 68 145
 *INSTRUCTIONAL MATERIALS, *LOW ACHIEVERS, *MATHEMATICS, *SECONDARY SCHOOL
 MATHEMATICS, ARITHMETIC, ALGEBRA, GRADE 7, GRADE 8, GRADE 9, GEOMETRY,
 INSTRUCTION
50. SE 004 608 2 17 09 15
 AN EXPERIMENTAL TEXT IN TRANSFORMATIONAL GEOMETRY
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
 NEWTON, MASSACHUSETTS
 65 8'
 *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS,
 *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, TEXTBOOKS
51. SE 004 609 2 17 09 15
 AVERAGES, AREAS AND VOLUMES
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
 NEWTON, MASSACHUSETTS
 32
 *CURRICULUM DEVELOPMENT, *CALCULUS, *COLLEGE MATHEMATICS, *INSTRUCTIONAL
 MATERIALS, *MATHEMATICS, AVERAGE, AREA, CURRICULUM, MEASUREMENT, VOLUME
52. SE 004 616 2 17 09 15
 GEOMETRY THROUGH SYMMETRY
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, STANFORD, CALIFORNIA
 64 51
 *CURRICULUM DEVELOPMENT, *GEOMETRY, *INSTRUCTIONAL MATERIALS,
 *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, GRADE 8,
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, 1964, STANFORD, CALIFORNIA
53. SE 004 286 2 17 09 15
 GEOMETRY WORKBOOK
 SYSTEMS DEVELOPMENT CENTER, SANTA MONICA, CALIFORNIA
 68 70
 *GEOMETRY, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *PROGRAMED INSTRUCTION,
 *WORKBOOKS, ANALYTIC GEOMETRY, FUNDAMENTAL CONCEPTS, INSTRUCTION, PROGRAMED
 MATERIALS

54. SE 004 832 1 17 95 31
HIGHER EDUCATION
 NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION, BLOOMINGTON, INDIANA
 4
 *TELEVISION, *TELECOURSES, CURRICULUM DEVELOPMENT, CHEMISTRY, ENGINEERING,
 ENGLISH, GOVERNMENT, GEOGRAPHY, HIGHER EDUCATION, HISTORY, MATHEMATICS,
 PHYSICS, PSYCHOLOGY, SCIENCE, VIDEOTAPE RECORDINGS
55. SE 004 610 2 17 09 15
INEQUALITY LESSONS
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
 NEWTON, MASSACHUSETTS
 67 64
 *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
 MATERIALS, *INSTRUCTION, *MATHEMATICS, ALGEBRA, CURRICULUM, GRADE 1,
 HIGH ACHIEVERS
56. SE 003 860 2 17 72 11
INVESTIGATING THE PHYSICAL WORLD, VOLUME II
 JUNIOR HIGH SCIENCE CURRICULUM DEVELOPMENT PROJECT, FLORIDA STATE UNIVERSITY,
 TALLAHASSEE
 66 340
 *CURRICULUM DEVELOPMENT, *GRADE 7, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCES,
 *SECONDARY SCHOOL SCIENCE, GENERAL SCIENCE, SCIENCE ACTIVITIES, FLORIDA STATE
 UNIVERSITY, UNITED STATES OFFICE OF EDUCATION, 1966, INTERMEDIATE SCIENCE
 CURRICULUM STUDY
57. SE 004 834 1 17 09 22
PATTERNS
 NATIONAL CENTER FOR SCHOOL AND COLLEGE TELEVISION, BLOOMINGTON, INDIANA
 4
 *ARITHMETIC, *COURSE CONTENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
 TELEVISION, *MATHEMATICS, CURRICULUM DEVELOPMENT, FUNDAMENTAL CONCEPTS,
 GRADE 5, GRADE 6, GRADE 7, TELEVISION, *TELECOURSES, VIDEO TAPE RECORDINGS
58. SE 004 615 2 17 09 15
PROBABILITY
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
 NEWTON, MASSACHUSETTS
 33
 *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *MATHEMATICS, *PROBABILITY,
 *SECONDARY SCHOOL MATHEMATICS, CURRICULUM, STATISTICS, CAMBRIDGE CONFERENCE
 ON SCHOOL MATHEMATICS
59. SE 004 612 2 17 09 15
PROBABILITY LESSONS AT HANCOCK SCHOOL, LEXINGTON
 CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
 NEWTON, MASSACHUSETTS
 73
 *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
 MATERIALS, *INSTRUCTION, *MATHEMATICS, CURRICULUM, GRADE 4, GRADE 5,
 GRADE 6, PROBABILITY

60. SE 004 534 2 06 86 33
THE EPIE FORUM
EDUCATIONAL PRODUCTS INFORMATION EXCHANGE INSTITUTE, NEW YORK, NEW YORK
09 00 57 31
*AUDIOVISUAL AIDS, *EQUIPMENT GUIDES, *OVERHEAD PROJECTORS, MANUFACTURERS,
PROJECTORS
61. SE 004 614 2 17 09 15
TWO PAPERS - CEEP TRADING AND EXPERIMENTAL TEACHING
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS, EDUCATIONAL SERVICES, INC.,
NEWTON, MASSACHUSETTS
12
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL
MATERIALS, *MATHEMATICS, ARITHMETIC, CURRICULUM, GRADE 1, GRADE 2,
CAMBRIDGE CONFERENCE ON SCHOOL MATHEMATICS

C. GENERAL

1. SE 005 216 1 17 68 03
EDLING, JACK V.
A BASIC REFERENCE SHELF ON INSTRUCTIONAL MEDIA RESEARCH
ERIC CLEARINGHOUSE ON EDUCATIONAL MEDIA AND TECHNOLOGY, STANFORD UNIVERSITY,
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